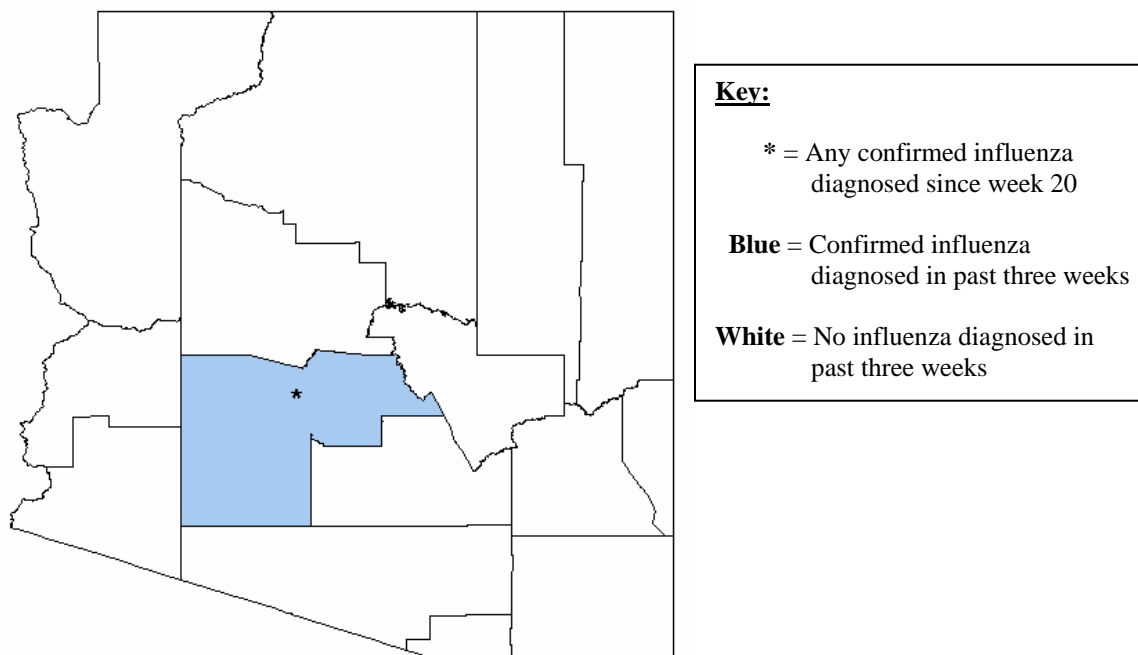


**Summer Influenza Summary:**

Low levels of influenza activity continue to be reported during the summer months. A total of 16 confirmed cases have been reported in Arizona since the end of week 20, but only two of those cases were diagnosed during that time.

Data in this report are provisional and may change as more reports are received.

**Influenza Activity by County:**



Confirmed Influenza Cases Diagnosed Since Week 20 [2 cases]

County	# cases	County	# cases	County	# cases
Apache	0	Greenlee	0	Pima	0
Cochise	0	La Paz	0	Pinal	0
Coconino	0	Maricopa	2	Santa Cruz	0
Gila	0	Mohave	0	Yavapai	0
Graham	0	Navajo	0	Yuma	0

**Influenza Activity by Age:**

Of the confirmed cases diagnosed since week 20, one was less than five years of age and the other was in the 45 – 64 age range.

**Lab Surveillance:**

Laboratories are required to report all positive influenza tests to ADHS. During the summer months, however, only cases with positive culture or PCR results count as “confirmed.” Of the two confirmed cases diagnosed since week 20, one was influenza A and one was influenza B.

**Subtyping – Culture or PCR Results:**

Viral isolation, or culture, is currently the “gold standard” for diagnosis of influenza virus infections. The influenza subtype can be determined by a test called hemagglutination inhibition (HI) using viral isolates. Polymerase chain reaction (PCR) can also be used to identify influenza B and the hemagglutinin (H) component of influenza A.

Neither of the cases diagnosed since week 20 have been subtyped.

**RSV Activity in Arizona:**

A total of 13 lab-confirmed cases of RSV have been reported in Arizona since week 20.

